



Australian Government

PSPSCI008 Provide high-level scientific technical support

Release: 1

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Modification History

Release	Comments
1	This unit was released in PSP Public Sector Training Package release 1.0 and meets the Standards for Training Packages. This unit supersedes and is equivalent to PSPSCI501A Provide high-level scientific technical support. • Unit code updated • Content and formatting updated to comply with new standards • All PC transitioned from passive to active voice

Application

This unit describes the skills required to provide high-level technical support with responsibility in a defined technical area for experimental, survey, sampling and/or analytical functions. It includes determining and organising high-level technical duties, obtaining and recording information, and assessing and reporting data.

This unit applies to those working as high-level technical support in a defined technical area.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are carried out. Organisational policies and procedures must be consulted and adhered to.

Those undertaking this unit would work autonomously, with supervisory responsibilities, while performing complex tasks in a range of familiar contexts.

No licensing, legislative or certification requirements apply to unit at the time of publication.

Competency Field

Government Science and Technology

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
Elements describe the essential	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used,

outcomes	further information is detailed in the range of conditions section.
1. Determine and organise high-level technical duties	1.1 Confirm outputs for defined technical area and determine technical duties and responsibilities. 1.2 Determine processes, resources, timelines and equipment requirements and organise technical duties. 1.3 Determine risk management strategies, work health and safety, environmental and other legislative requirements and explain to junior staff as necessary. 1.4 Organise resources and equipment and supervise their preparation.
2. Obtain and record information	2.1 Carry out technical and supervisory duties. 2.2 Provide technical leadership and influence individuals to meet required outputs. 2.3 Carry out and/or supervise the collection and recording of information in accordance with planned processes and timelines. 2.4 Monitor information and deal with contingencies. 2.5 Use and maintain resources and equipment.
3. Assess and report data	3.1 Monitor data input and records maintenance. 3.2 Manipulate data, assess results and deal with irregularities. 3.3 Prepare and present reports.

Foundation Skills

Foundation skills are embedded within the elements and performance criteria of this unit.

Unit Mapping Information

This unit supersedes and is equivalent to PSPSCI501A Provide high-level scientific technical support.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=bebbece7-ff48-4d2c-8876-405679019623>

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Assessment Requirements for PSPSCI008 Provide high-level scientific technical support

Modification History

Release	Comments
1	These Assessment Requirements were released in PSP Public Sector Training Package release 1.0 and meet the Standards for Training Packages. Assessment Requirements created drawing upon specified assessment information from superseded unit

Performance Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the candidate must demonstrate evidence of performance of the following on at least one occasion.

- using technical leadership to influence others to meet required outputs
- using communication styles to suit different audiences and purposes
- reading formal documents including legislation and instructions and applying them in the workplace
- analysing mathematical data and problem solving
- writing technical reports requiring precision of expression
- operating machinery and experimental equipment

Knowledge Evidence

Evidence required to demonstrate competence must satisfy all of the requirements of the elements and performance criteria. If not otherwise specified the depth of knowledge demonstrated must be appropriate to the job context of the candidate.

- experimental procedures and scientific methods
- analytical techniques
- statistical analysis
- broad understanding of the scientific area
- work health and safety, environmental protection and other public sector legislation, public sector standards and organisational code of practice as they relate to work in a scientific research/technical environment
- standard operating procedures and/or work instructions
- leadership of others in a scientific and/or technical environment
- technical support work relevant to specialist area

Assessment Conditions

This unit contains no specific industry-mandated assessment conditions. Guidance on suggested and recommended conditions and methods can be found in the Implementation Guide.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

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